#### **RAW SEQUENCE LISTING**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/565, 068Source: IFWPDate Processed by STIC: 03/21/2007

# ENTERED



·IFWP

RAW SEQUENCE LISTING DATE: 03/21/2007 PATENT APPLICATION: US/10/565,068 TIME: 10:45:41

Input Set : A:\SEQLIST.TXT

S	4	<110> APPLICANT: Parry John Guilford	
10 <130> FILE REFERENCE: 201.1USWO 12 <140> CURRENT APPLICATION NUMBER: 10/565,068 13 <141> CURRENT FILING DATE: 2006-01-17 15 <150> PRIOR APPLICATION NUMBER: PCT/US2004/022959 16 <151> PRIOR FILING DATE: 2004-07-16 18 <150> PRIOR APPLICATION NUMBER: 60/487,906 19 <151> PRIOR FILING DATE: 2003-07-17 21 <160> NUMBER OF SEQ ID NOS: 108 23 <170> SOFTWARE: FastSEQ for Windows Version 4.0 25 <210> SEQ ID NO: 1 26 <211> LENGTH: 26 27 <212> TYPE: DNA 28 <213> ORGANISM: Homo sapiens 30 <400> SEQUENCE: 1 31 aaatacaaa ggacacattc aaagga 26 33 <210> SEQ ID NO: 2 34 <211> LENGTH: 20 35 <212> TYPE: DNA 36 <213> ORGANISM: Homo sapiens 38 <400> SEQUENCE: 2 39 gcastggaa ggatgttccc 20 40 <210> SEQ UENCE: 2 39 gcastggaa gatgttccc 20 41 <210> SEQ ID NO: 3 42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 19 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 19 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 17 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 60 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18	5	Andrew John Holyoake	
10 <130> FILE REFERENCE: 201.1USWO 12 <140> CURRENT APPLICATION NUMBER: 10/565,068 13 <141> CURRENT FILING DATE: 2006-01-17 15 <150> PRIOR APPLICATION NUMBER: PCT/US2004/022959 16 <151> PRIOR FILING DATE: 2004-07-16 18 <150> PRIOR APPLICATION NUMBER: 60/487,906 19 <151> PRIOR FILING DATE: 2003-07-17 21 <160> NUMBER OF SEQ ID NOS: 108 23 <170> SOFTWARE: FastSEQ for Windows Version 4.0 25 <210> SEQ ID NO: 1 26 <211> LENGTH: 26 27 <212> TYPE: DNA 28 <213> ORGANISM: Homo sapiens 30 <400> SEQUENCE: 1 31 aaatacaaa ggacacattc aaagga 26 33 <210> SEQ ID NO: 2 34 <211> LENGTH: 20 35 <212> TYPE: DNA 36 <213> ORGANISM: Homo sapiens 38 <400> SEQUENCE: 2 39 gcastggaa ggatgttccc 20 40 <210> SEQ UENCE: 2 39 gcastggaa gatgttccc 20 41 <210> SEQ ID NO: 3 42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 19 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 19 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 17 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 60 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18	7	<120> TITLE OF INVENTION: Markers for Detection of Gastric Cancer	
13 <141> CURRENT FILING DATE: 2006-01-17 15 <150> PRIOR APPLICATION NUMBER: PCT/US2004/022959 16 <151> PRIOR APPLICATION NUMBER: 60/487,906 19 <151> PRIOR APPLICATION NUMBER: 60/487,906 19 <151> PRIOR FILING DATE: 2003-07-17 1 <160> NUMBER OF SEQ ID NOS: 108 23 <170> SOFTWARE: FastSEQ for Windows Version 4.0 25 <210> SEQ ID NO: 1 26 <211> LENGTH: 26 27 <212> TYPE: DNA 28 <213> ORGANISM: Homo sapiens 30 <400> SEQUENCE: 1 31 aaatacaaaa ggaccattc aaagga 30 <210> SEQ ID NO: 2 34 <211> LENGTH: 20 35 <212> TYPE: DNA 36 <213> ORGANISM: Homo sapiens 38 <400> SEQUENCE: 2 39 gccagtggaa ggatgttccc 20 <1 <210> SEQ ID NO: 3 42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <2213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 3 77 agtcccagcc caacttgga 19 gccagtgaa ggatgttcc 19 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 77 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 61 <400> SEQUENCE: 4 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18			
13 <141> CURRENT FILING DATE: 2006-01-17 15 <150> PRIOR APPLICATION NUMBER: PCT/US2004/022959 16 <151> PRIOR APPLICATION NUMBER: 60/487,906 19 <151> PRIOR APPLICATION NUMBER: 60/487,906 19 <151> PRIOR FILING DATE: 2003-07-17 1 <160> NUMBER OF SEQ ID NOS: 108 23 <170> SOFTWARE: FastSEQ for Windows Version 4.0 25 <210> SEQ ID NO: 1 26 <211> LENGTH: 26 27 <212> TYPE: DNA 28 <213> ORGANISM: Homo sapiens 30 <400> SEQUENCE: 1 31 aaatacaaaa ggaccattc aaagga 30 <210> SEQ ID NO: 2 34 <211> LENGTH: 20 35 <212> TYPE: DNA 36 <213> ORGANISM: Homo sapiens 38 <400> SEQUENCE: 2 39 gccagtggaa ggatgttccc 20 <1 <210> SEQ ID NO: 3 42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <2213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 3 77 agtcccagcc caacttgga 19 gccagtgaa ggatgttcc 19 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 77 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 61 <400> SEQUENCE: 4 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18			
16 <151> PRIOR FILING DATE: 2004-07-16 18 <150> PRIOR APPLICATION NUMBER: 60/487,906 19 <151> PRIOR FILING DATE: 2003-07-17 21 <160> NUMBER OF SEQ ID NOS: 108 23 <170> SOFTWARE: FastSEQ for Windows Version 4.0 25 <210> SEQ ID NO: 1 26 <211> LENGTH: 26 27 <212> TYPE: DNA 28 <213> ORGANISM: Homo sapiens 30 <400> SEQUENCE: 1 31 aaatacaaaa ggacacattc aaagga 26 33 <210> SEQ ID NO: 2 34 <211> LENGTH: 20 35 <212> TYPE: DNA 36 <213> ORGANISM: Homo sapiens 38 <400> SEQUENCE: 2 39 gccagtggaa ggatgttccc 20 41 <210> SEQ ID NO: 3 42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 19 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 45 <212> TYPE: DNA 46 <213> ORGANISM: Homo sapiens 47 agtcccagcc caacttgga 19 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 3 77 agtcccagc caacttgga 19 52 <210> SEQ ID NO: 5 52 <11> LENGTH: 17 51 <212> TYPE: DNA 52 <211> LENGTH: 17 51 <212> TYPE: DNA 53 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 17 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 61 <400> SEQUENCE: 5 63 Caggtcagca agggcacc 18			
16 <151> PRIOR FILING DATE: 2004-07-16 18 <150> PRIOR APPLICATION NUMBER: 60/487,906 19 <151> PRIOR FILING DATE: 2003-07-17 21 <160> NUMBER OF SEQ ID NOS: 108 23 <170> SOFTWARE: FastSEQ for Windows Version 4.0 25 <210> SEQ ID NO: 1 26 <211> LENGTH: 26 27 <212> TYPE: DNA 28 <213> ORGANISM: Homo sapiens 30 <400> SEQUENCE: 1 31 aaatacaaaa ggacacattc aaagga 26 33 <210> SEQ ID NO: 2 34 <211> LENGTH: 20 35 <212> TYPE: DNA 36 <213> ORGANISM: Homo sapiens 38 <400> SEQUENCE: 2 39 gccagtggaa ggatgttccc 20 41 <210> SEQ ID NO: 3 42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 19 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 45 <212> TYPE: DNA 46 <213> ORGANISM: Homo sapiens 47 agtcccagcc caacttgga 19 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 3 77 agtcccagc caacttgga 19 52 <210> SEQ ID NO: 5 52 <11> LENGTH: 17 51 <212> TYPE: DNA 52 <211> LENGTH: 17 51 <212> TYPE: DNA 53 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 17 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 61 <400> SEQUENCE: 5 63 Caggtcagca agggcacc 18	15	<150> PRIOR APPLICATION NUMBER: PCT/US2004/022959	
19 <151> PRIOR FILING DATE: 2003-07-17 21 <160> NUMBER OF SEQ ID NOS: 108 3 <170> SOFTWARE: FastSEQ for Windows Version 4.0 25 <210> SEQ ID NO: 1 26 <211> LENGTH: 26 27 <212> TYPE: DNA 28 <213> ORGANISM: Homo sapiens 30 <400> SEQUENCE: 1 31 aaatacaaaa ggacacattc aaagga 3 <210> SEQ ID NO: 2 34 <211> LENGTH: 20 35 <212> TYPE: DNA 36 <213> ORGANISM: Homo sapiens 39 gccagtggaa ggatgttccc 20 gccagtggaa ggatgttccc 20 gccagtggaa ggatgttccc 20 fl <210> SEQ ID NO: 3 42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 2 39 gccagtggaa ggatgttccc 20 fl <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 19 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtgccaatgc cgctgaa 17 57 <2210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 61 <400> SEQUENCE: 5 63 caggtcagaa agggcacc 18			
19 <151> PRIOR FILING DATE: 2003-07-17 21 <160> NUMBER OF SEQ ID NOS: 108 3 <170> SOFTWARE: FastSEQ for Windows Version 4.0 25 <210> SEQ ID NO: 1 26 <211> LENGTH: 26 27 <212> TYPE: DNA 28 <213> ORGANISM: Homo sapiens 30 <400> SEQUENCE: 1 31 aaatacaaaa ggacacattc aaagga 3 <210> SEQ ID NO: 2 34 <211> LENGTH: 20 35 <212> TYPE: DNA 36 <213> ORGANISM: Homo sapiens 39 gccagtggaa ggatgttccc 20 gccagtggaa ggatgttccc 20 gccagtggaa ggatgttccc 20 fl <210> SEQ ID NO: 3 42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 2 39 gccagtggaa ggatgttccc 20 fl <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 19 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtgccaatgc cgctgaa 17 57 <2210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 61 <400> SEQUENCE: 5 63 caggtcagaa agggcacc 18	18	<150> PRIOR APPLICATION NUMBER: 60/487,906	
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0 25 <210> SEQ ID NO: 1 26 <211> LENGTH: 26 27 <212> TYPE: DNA 28 <213> ORGANISM: Homo sapiens 30 <400> SEQUENCE: 1 31 aaatacaaaa ggaccacattc aaagga 32 <210> SEQ ID NO: 2 34 <211> LENGTH: 20 35 <212> TYPE: DNA 36 <213> ORGANISM: Homo sapiens 38 <400> SEQUENCE: 2 39 gccagtggaa ggatgttccc 20 41 <210> SEQ ID NO: 3 42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 3 77 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 61 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18			
25 <210 > SEQ ID NO: 1 26 <211 > LENGTH: 26 27 <212 > TYPE: DNA 28 <213 > ORGANISM: Homo sapiens 30 <400 > SEQUENCE: 1 31 aaatacaaaa ggacacattc aaagga 33 <210 > SEQ ID NO: 2 34 <211 > LENGTH: 20 35 <212 > TYPE: DNA 36 <213 > ORGANISM: Homo sapiens 38 <400 > SEQUENCE: 2 39 gccagtggaa ggatgttccc 41 <210 > SEQ ID NO: 3 42 <211 > LENGTH: 19 43 <212 > TYPE: DNA 44 <213 > ORGANISM: Homo sapiens 46 <400 > SEQUENCE: 3 47 agtcccagcc caacttgga 49 <210 > SEQ ID NO: 4 50 <211 > LENGTH: 17 51 <212 > TYPE: DNA 52 <213 > ORGANISM: Homo sapiens 54 <400 > SEQUENCE: 4 55 gtggcaatgc cgctgaa 57 <210 > SEQ ID NO: 5 58 <211 > LENGTH: 18 59 <212 > TYPE: DNA 60 <213 > ORGANISM: Homo sapiens 61 <400 > SEQUENCE: 4 62 <400 > SEQUENCE: 4 63 caggtcagca agggcacc 61 8	21	<160> NUMBER OF SEQ ID NOS: 108	
25 <210 > SEQ ID NO: 1 26 <211 > LENGTH: 26 27 <212 > TYPE: DNA 28 <213 > ORGANISM: Homo sapiens 30 <400 > SEQUENCE: 1 31 aaatacaaaa ggacacattc aaagga 33 <210 > SEQ ID NO: 2 34 <211 > LENGTH: 20 35 <212 > TYPE: DNA 36 <213 > ORGANISM: Homo sapiens 38 <400 > SEQUENCE: 2 39 gccagtggaa ggatgttccc 41 <210 > SEQ ID NO: 3 42 <211 > LENGTH: 19 43 <212 > TYPE: DNA 44 <213 > ORGANISM: Homo sapiens 46 <400 > SEQUENCE: 3 47 agtcccagcc caacttgga 49 <210 > SEQ ID NO: 4 50 <211 > LENGTH: 17 51 <212 > TYPE: DNA 52 <213 > ORGANISM: Homo sapiens 54 <400 > SEQUENCE: 4 55 gtggcaatgc cgctgaa 57 <210 > SEQ ID NO: 5 58 <211 > LENGTH: 18 59 <212 > TYPE: DNA 60 <213 > ORGANISM: Homo sapiens 61 <400 > SEQUENCE: 4 62 <400 > SEQUENCE: 4 63 caggtcagca agggcacc 61 8	23	<170> SOFTWARE: FastSEQ for Windows Version 4.0	
27 <212> TYPE: DNA 28 <213> ORGANISM: Homo sapiens 30 <400> SEQUENCE: 1 31 aaatacaaaa ggacacattc aaagga 32 <210> SEQ ID NO: 2 34 <211> LENGTH: 20 35 <212> TYPE: DNA 36 <213> ORGANISM: Homo sapiens 38 <400> SEQUENCE: 2 39 gccagtggaa ggatgttccc 41 <210> SEQ ID NO: 3 42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 53 <400> SEQ ID NO: 4 54 <210> SEQ ID NO: 5 55 gtggcaatgc cgctgaa 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 17 50 <212> TYPE: DNA 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 53 <400> SEQUENCE: 4 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 61 <400> SEQUENCE: 5 62 <400> SEQUENCE: 5			
28 <213> ORGANISM: Homo sapiens 30 <400> SEQUENCE: 1 31 aaatacaaaa ggacacattc aaagga 3 <210> SEQ ID NO: 2 34 <211> LENGTH: 20 35 <212> TYPE: DNA 36 <213> ORGANISM: Homo sapiens 38 <400> SEQUENCE: 2 39 gccagtggaa ggatgttccc 20 41 <210> SEQ ID NO: 3 42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 3 55 gtggcaatgc cgctgaa 57 agtcccagc cgctgaa 58 <211> LENGTH: 17 59 <212> TYPE: DNA 50 <211> LENGTH: 18 50 <211> LENGTH: 18 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 53 <211> LENGTH: 18 54 <211> CRGANISM: Homo sapiens 55 <211> CRGANISM: Homo sapiens 56 <211> CRGANISM: Homo sapiens 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 50 <213> ORGANISM: Homo sapiens 51 <210> SEQ ID NO: 5 52 <213> ORGANISM: Homo sapiens 53 <211> CRGANISM: Homo sapiens 54 <400> SEQUENCE: 5 56 <213> ORGANISM: Homo sapiens	26	<211> LENGTH: 26	
30 <400> SEQUENCE: 1 31 aaatacaaaa ggacacattc aaagga 326 33 <210> SEQ ID NO: 2 34 <211> LENGTH: 20 35 <212> TYPE: DNA 36 <213> ORGANISM: Homo sapiens 38 <400> SEQUENCE: 2 39 gccagtggaa ggatgttccc 41 <210> SEQ ID NO: 3 42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 61 <400> SEQUENCE: 4 62 SEQUENCE: 4 63 caggtcagca agggcacc 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 61 8	27	<212> TYPE: DNA	
30 <400> SEQUENCE: 1 31 aaatacaaaa ggacacattc aaagga 326 33 <210> SEQ ID NO: 2 34 <211> LENGTH: 20 35 <212> TYPE: DNA 36 <213> ORGANISM: Homo sapiens 38 <400> SEQUENCE: 2 39 gccagtggaa ggatgttccc 41 <210> SEQ ID NO: 3 42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 61 <400> SEQUENCE: 4 62 SEQUENCE: 4 63 caggtcagca agggcacc 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 61 8	28	<213> ORGANISM: Homo sapiens	
33 <210> SEQ ID NO: 2 34 <211> LENGTH: 20 35 <212> TYPE: DNA 36 <213> ORGANISM: Homo sapiens 38 <400> SEQUENCE: 2 39 gccagtggaa ggatgttccc 20 41 <210> SEQ ID NO: 3 42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 19 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 17 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18		<del>-</del>	
33 <210> SEQ ID NO: 2 34 <211> LENGTH: 20 35 <212> TYPE: DNA 36 <213> ORGANISM: Homo sapiens 38 <400> SEQUENCE: 2 39 gccagtggaa ggatgttccc 20 41 <210> SEQ ID NO: 3 42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 19 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 17 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18	31	aaatacaaaa ggacacattc aaagga	26
35 <212> TYPE: DNA 36 <213> ORGANISM: Homo sapiens 38 <400> SEQUENCE: 2 39 gccagtggaa ggatgttccc 20 41 <210> SEQ ID NO: 3 42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 19 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 17 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <221> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18			
36 <213 > ORGANISM: Homo sapiens 38 <400 > SEQUENCE: 2 39 gccagtggaa ggatgttccc 20 41 <210 > SEQ ID NO: 3 42 <211 > LENGTH: 19 43 <212 > TYPE: DNA 44 <213 > ORGANISM: Homo sapiens 46 <400 > SEQUENCE: 3 47 agtcccagcc caacttgga 19 49 <210 > SEQ ID NO: 4 50 <211 > LENGTH: 17 51 <212 > TYPE: DNA 52 <213 > ORGANISM: Homo sapiens 54 <400 > SEQUENCE: 4 55 gtggcaatgc cgctgaa 17 57 <210 > SEQ ID NO: 5 58 <211 > LENGTH: 18 59 <212 > TYPE: DNA 60 <213 > ORGANISM: Homo sapiens 62 <400 > SEQUENCE: 5 63 caggtcagca agggcacc 18	34	<211> LENGTH: 20	
38 <400> SEQUENCE: 2 39 gccagtggaa ggatgttccc 20 41 <210> SEQ ID NO: 3 42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 19 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 17 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18	35	<212> TYPE: DNA	
39 gccagtggaa ggatgttccc 20 41 <210> SEQ ID NO: 3 42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 19 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 17 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18	36	<213> ORGANISM: Homo sapiens	
41 <210> SEQ ID NO: 3 42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 19 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 17 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18	38	<400> SEQUENCE: 2	
42 <211> LENGTH: 19 43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 17 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18	39	gccagtggaa ggatgttccc	20
43 <212> TYPE: DNA 44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga	41	<210> SEQ ID NO: 3	
44 <213> ORGANISM: Homo sapiens 46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 19 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 17 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18	42	<211> LENGTH: 19	
46 <400> SEQUENCE: 3 47 agtcccagcc caacttgga 19 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 17 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18	43	<212> TYPE: DNA	
47 agtcccagcc caacttgga 19 49 <210> SEQ ID NO: 4 50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 17 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18	44	<213> ORGANISM: Homo sapiens	
49 <210> SEQ ID NO: 4  50 <211> LENGTH: 17  51 <212> TYPE: DNA  52 <213> ORGANISM: Homo sapiens  54 <400> SEQUENCE: 4  55 gtggcaatgc cgctgaa 17  57 <210> SEQ ID NO: 5  58 <211> LENGTH: 18  59 <212> TYPE: DNA  60 <213> ORGANISM: Homo sapiens  62 <400> SEQUENCE: 5  63 caggtcagca agggcacc 18	46	<400> SEQUENCE: 3	
50 <211> LENGTH: 17 51 <212> TYPE: DNA 52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 17 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18	47	agtcccagcc caacttgga	19
51 <212> TYPE: DNA  52 <213> ORGANISM: Homo sapiens  54 <400> SEQUENCE: 4  55 gtggcaatgc cgctgaa 17  57 <210> SEQ ID NO: 5  58 <211> LENGTH: 18  59 <212> TYPE: DNA  60 <213> ORGANISM: Homo sapiens  62 <400> SEQUENCE: 5  63 caggtcagca agggcacc 18	49	<210> SEQ ID NO: 4	
52 <213> ORGANISM: Homo sapiens 54 <400> SEQUENCE: 4 55 gtggcaatgc cgctgaa 17 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18	50	<211> LENGTH: 17	
54 <400> SEQUENCE: 4  55 gtggcaatgc cgctgaa 17  57 <210> SEQ ID NO: 5  58 <211> LENGTH: 18  59 <212> TYPE: DNA  60 <213> ORGANISM: Homo sapiens  62 <400> SEQUENCE: 5  63 caggtcagca agggcacc 18	51	<212> TYPE: DNA	•
55 gtggcaatgc cgctgaa 17 57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18	52	<213> ORGANISM: Homo sapiens	
57 <210> SEQ ID NO: 5 58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18	54	<400> SEQUENCE: 4	
58 <211> LENGTH: 18 59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18	55	gtggcaatgc cgctgaa	17
59 <212> TYPE: DNA 60 <213> ORGANISM: Homo sapiens 62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18	57	<210> SEQ ID NO: 5	
60 <213 > ORGANISM: Homo sapiens 62 <400 > SEQUENCE: 5 63 caggtcagca agggcacc 18	58	<211> LENGTH: 18	
62 <400> SEQUENCE: 5 63 caggtcagca agggcacc 18	59	<212> TYPE: DNA	
63 caggtcagca agggcacc 18	60	<213> ORGANISM: Homo sapiens	
63 caggtcagca agggcacc 18	62	<400> SEQUENCE: 5	
65 <210> SEQ ID NO: 6			18
<b>₹</b>	65	<210> SEQ ID NO: 6	

Input Set : A:\SEQLIST.TXT

66 <211> LENGTH: 24 67 <212> TYPE: DNA	
68 <213> ORGANISM: Homo sapiens	
70 <400> SEQUENCE: 6	
71 acaacatgat atgtgctgga ctgg	24
73 <210> SEQ ID NO: 7	
74 <211> LENGTH: 24	
75 <212> TYPE: DNA	
76 <213> ORGANISM: Homo sapiens	
78 <400> SEQUENCE: 7	2.4
79 cttgagtaca acgctgacct cttc	24
81 <210> SEQ ID NO: 8	
82 <211> LENGTH: 24	
83 <212> TYPE: DNA	
84 <213> ORGANISM: Homo sapiens 86 <400> SEQUENCE: 8	
87 gattettgte catagtgeat etge	24
89 <210> SEQ ID NO: 9	
90 <211> LENGTH: 19	
91 <212> TYPE: DNA	
92 <213> ORGANISM: Homo sapiens	
94 <400> SEQUENCE: 9	
95 aggccagctt ctgcttgga	19
97 <210> SEQ ID NO: 10	
98 <211> LENGTH: 23	
99 <212> TYPE: DNA	
100 <213> ORGANISM: Homo sapiens	
102 <400> SEQUENCE: 10	23
103 gcctctctgc tgatgacata cgt 105 <210> SEQ ID NO: 11	
105 (210) SEQ 15 NO. 11 106 (211) LENGTH: 21	
107 <212> TYPE: DNA	
108 <213> ORGANISM: Homo sapiens	
110 <400> SEQUENCE: 11	
111 ccagaccacc ttataccagc g	21
113 <210> SEQ ID NO: 12	
114 <211> LENGTH: 17	
115 <212> TYPE: DNA	
116 <213> ORGANISM: Homo sapiens	
118 <400> SEQUENCE: 12	. 17
119 cgcagaacgc ctgcaaa	17
121 <210> SEQ ID NO: 13	
122 <211> LENGTH: 18 123 <212> TYPE: DNA	
123 <2123 TIFE. DNA 124 <213> ORGANISM: Homo sapiens	
124 <213 ONGARIEM: Nome Suprems 126 <400> SEQUENCE: 13	
127 cgctagcagc gaccacct	18
129 <210> SEQ ID NO: 14	
130 <211> LENGTH: 23	

Input Set : A:\SEQLIST.TXT

	OLO MUDE DIVI	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<pre>&lt;400&gt; SEQUENCE: 14 tcttccctgt acactggcag ttc</pre>	23
	<210> SEQ ID NO: 15	
	<211> LENGTH: 19	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 15	
	tcgggaggcc cgttagtaa	19
	<210> SEQ ID NO: 16	
	<211> LENGTH: 23	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 16	
	tggaaggact acacggccta tag	23
	<210> SEQ ID NO: 17	
	<211> LENGTH: 20	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 17	
	gacggttcct cgcagttcaa	20
	<210> SEQ ID NO: 18	
	<211> LENGTH: 16	•
163	<212> TYPE: DNA	
164	<213> ORGANISM: Homo sapiens	
166	<400> SEQUENCE: 18	
167	ctgcccaccc cttcca	16
169	<210> SEQ ID NO: 19	
170	<211> LENGTH: 21	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 19	21
	tccacgcatt ttccaggata a	21
177	<210> SEQ ID NO: 20	
	<211> LENGTH: 22	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 20	22
	ggtccatgtc atcaccaatg tt	22
	<210> SEQ ID NO: 21	
	<211> LENGTH: 21	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 21	21
	aaaaatcttt gccggaaatg c	
	<210> SEQ ID NO: 22	
	<211> LENGTH: 20	
195	<212> TYPE: DNA	

Input Set : A:\SEQLIST.TXT

		•	
		<213> ORGANISM: Homo sapiens	
		<400> SEQUENCE: 22	20
		ttgatggcat cgctcagatc	20
		<210> SEQ ID NO: 23 <211> LENGTH: 23	
		<211> LENGTH: 23 <212> TYPE: DNA	
		<213> ORGANISM: Homo sapiens	
		<400> SEQUENCE: 23	
		tgcttctgca attctgatat gga	23
		<210> SEQ ID NO: 24	
	210	<211> LENGTH: 23	
		<212> TYPE: DNA	
		<213> ORGANISM: Homo sapiens	
		<400> SEQUENCE: 24	23
		tcttggcatt ttctacaaca ggg	23
		<210> SEQ ID NO: 25 <211> LENGTH: 24	
		<212> TYPE: DNA	
		<213> ORGANISM: Homo sapiens	
		<400> SEQUENCE: 25	
		gggaacttcg tagatctgga aaga	24
		<210> SEQ ID NO: 26	
	226	<211> LENGTH: 25	
		<212> TYPE: DNA	
		<213> ORGANISM: Homo sapiens	
		<400> SEQUENCE: 26	25
		tgacagcaac aactcagtag gaaaa	23
		<210> SEQ ID NO: 27 <211> LENGTH: 22	
,		<212> TYPE: DNA	
		<213> ORGANISM: Homo sapiens	
		<400> SEQUENCE: 27	
		tcacagctca agtacacctg gg	22
	241	<210> SEQ ID NO: 28	
	242	<211> LENGTH: 20	
		<212> TYPE: DNA	
		<213> ORGANISM: Homo sapiens	
		<400> SEQUENCE: 28	20
		gagaggatgc cttggagggt	20
		<210> SEQ ID NO: 29 <211> LENGTH: 23	
		<212> TYPE: DNA	
		<213> ORGANISM: Homo sapiens	
		<400> SEQUENCE: 29	
		ccgtgacaca gttctgctta cag	23
		<210> SEQ ID NO: 30	
		<211> LENGTH: 21	
		<212> TYPE: DNA	
	260	<213> ORGANISM: Homo sapiens	

Input Set : A:\SEQLIST.TXT

	•	
	<400> SEQUENCE: 30	
	ccaatcaatg ccaggaagag a	21
	<210> SEQ ID NO: 31	
	<211> LENGTH: 17	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 31	
	ccctgatcgc cgagttg	17
	<210> SEQ ID NO: 32	
	<211> LENGTH: 25	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
278	<400> SEQUENCE: 32	
	agtgacagca tcaaaactca aattg	25
281	<210> SEQ ID NO: 33	
282	<211> LENGTH: 20	
283	<212> TYPE: DNA	
284	<213> ORGANISM: Homo sapiens	
286	<400> SEQUENCE: 33	
	ggacctgtgg aagtatccgc	20
289	<210> SEQ ID NO: 34	
290	<211> LENGTH: 25	
291	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
294	<400> SEQUENCE: 34	
	acaggacatc atacatggtt tcaaa	25
297	<210> SEQ ID NO: 35	
	<211> LENGTH: 23	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 35	
	ttttgcaggc ttcacatacc ttt	23
	<210> SEQ ID NO: 36	
	<211> LENGTH: 18	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 36	
	gaaaaagcgg gtggtgca	18
	<210> SEQ ID NO: 37	
	<211> LENGTH: 23	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 37	
	aaggagatte cagetgteac tte	23
	<210> SEQ ID NO: 38	
	<211> LENGTH: 28	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
326	<400> SEQUENCE: 38	

VERIFICATION SUMMARY

DATE: 03/21/2007

PATENT APPLICATION: US/10/565,068

TIME: 10:45:42

Input Set : A:\SEQLIST.TXT